

Astrophysics and Geophysics
PHOTOMETRIC ANALYSIS OF BINARY STAR BX DRA

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Abstract: In this paper we perform the photometric analysis of BX DRA. The data was obtained using an eight-inch Mead LX 200 telescope. There are a total of 1070 data points in the B color band pass and 1271 in the V color band pass. We describe here the photometric reductions and our attempts so far to derive the photometric solutions with the help of the Wilson-Devinney model.